

### SAMPLE NAME: 50mg Pina Colada Tropical

Infused, Solid Edible

#### CULTIVATOR/ MANUFACTURER

Business Name:

License Number:

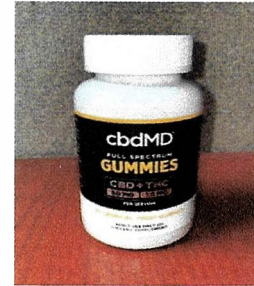
Address:

#### DISTRIBUTOR/ TESTED FOR

Business Name: cbdMD

License Number:

Address:



#### SAMPLE DETAIL

Batch Number: 91542-P

Sample ID: 231111 L002

Date Collected: 11/11/2023

Date Received: 11/11/2023

Batch Size:

Sample Size: 1.0 units

Unit Mass: 3.2 grams per Unit

Serving Size: 3.2 grams per Serving



Scan QR code to verify authenticity of results.

#### CANNABINOID ANALYSIS - SUMMARY

Total THC: **1.862 mg/unit**

Total CBD: **57.322 mg/unit**

Sum of Cannabinoids: **61.050 mg/unit**

Total Cannabinoids: **61.050 mg/unit**

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:  
Total THC =  $6^{\delta}\text{-THC} + (\text{THCa} \cdot 0.877)$   
Total CBD =  $\text{CBD} + (\text{CBDa} \cdot 0.877)$   
Sum of Cannabinoids =  $t^{\delta}\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + t^{\delta}\text{-THC} + \text{CBL} + \text{CBN}$   
Total Cannabinoids =  $(6^{\delta}\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + 6^{\delta}\text{-THC} + \text{CBL} + \text{CBN}$

#### SAFETY ANALYSIS - SUMMARY

II<sup>9</sup>-THC per Unit: **Q)PASS**

II<sup>9</sup>-THC per Serving: **Q)PASS**

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

**Sample Certification:** California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

  
Approved by: Josh Wurzer  
Job Title: Chief Compliance Officer  
Date: 11/20/2023

Amendment to Certificate of Analysis 231111 L002-001



# n Cannabinoid Analysis

CANNABINOID TEST RESULTS- 11/12/2023

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: OSP 1157 -Analysis of Cannabinoids by HPLC-DAD

**TOTAL THC: 1.862 mg/unit**

Total THC (Δ<sup>9</sup>-THC+0.877\*THCa)

**TOTAL CBD: 57.322 mg/unit**

Total CBD (CBD+0.877\*CBDa)

**TOTAL CANNABINOIDS: 61.050 mg/unit**

Total Cannabinoids (Total THC)+ (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC)+ (Total CBDV) + Δ<sup>8</sup>-THC + CBL + CBN

**TOTAL CBG: 1.046 mg/unit**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: ND**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: 0.166 mg/unit**

Total CBDV (CBDV+0.877\*CBDVa)

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004/0.011	±0.6682	17.913	1.7913
Δ <sup>9</sup> -THC	0.002/0.014	±0.0320	0.582	0.0582
CBG	0.002/0.006	±0.0159	0.327	0.0327
CBN	0.001 /0.007	±0.0059	0.204	0.0204
CBDV	0.002/0.012	±0.0021	0.052	0.0052
Δ <sup>8</sup> -THC	0.011/0.02	NIA	ND	ND
THCa	0.001/0.005	NIA	ND	ND
THCV	0.002/0.012	NIA	ND	ND
THCVa	0.002/0.019	NIA	ND	ND
CBDa	0.001 /0.026	NIA	ND	ND
CBDVa	0.001 /0.018	NIA	ND	ND
CBGa	0.002/0.007	NIA	ND	ND
CBL	0.003/0.010	NIA	ND	ND
CBC	0.003/0.010	NIA	ND	ND
CBCa	0.001 /0.015	NIA	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>19.078 mg/g</b>	<b>1.9078%</b>

**Unit Mass: 3.2 grams per Unit/ Serving Size: 3.2 grams per Serving**

Δ <sup>9</sup> -THC per Unit	110 per-package limit	1.862 mg/unit	PASS
Δ <sup>9</sup> -THC per Serving		1.862 mg/serving	PASS
Total THC per Unit		1.862 mg/unit	
Total THC per Serving		1.862 mg/serving	
CBD per Unit		57.322 mg/unit	
CBD per Serving		57.322 mg/serving	
Total CBD per Unit		57.322 mg/unit	
Total CBD per Serving		57.322 mg/serving	
Sum of Cannabinoids per Unit		<b>61.050 mg/unit</b>	
<b>Sum of Cannabinoids per Serving</b>		<b>61.050 mg/serving</b>	
<b>Total Cannabinoids per Unit</b>		<b>61.050 mg/unit</b>	
<b>Total Cannabinoids per Serving</b>		<b>61.050 mg/serving</b>	

NOTES

Reason for Amendment: Order Detail Information Change

**SAMPLE NAME: 50mg Pina Colada Tropical Twist Gummies**  
Infused, Solid Edible

**CULTIVATOR/ MANUFACTURER**

**Business Name:**  
**License Number:**  
**Address:**

**DISTRIBUTOR/ TESTED FOR**

**Business Name: cbdMD**

**License Number:**  
**Address:**

**SAMPLE DETAIL**

**Batch Number:** 91542-P  
**Sample ID:** 2307060022

**Date Collected:** 07/06/2023

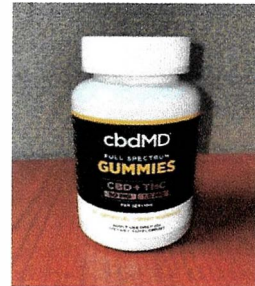
**Date Received:** 07/06/2023

**Batch Size:**

**Sample Size:** 10 units

**Unit Mass:** 3.2 grams per Unit

**Serving Size:** 3.2 grams per Serving



Scan QR code to verify  
authenticity of results.

**SAFETY ANALYSIS - SUMMARY**

**Pesticides:** Q}PASS

**Mycotoxins:** Q}PASS

**Residual Solvents:** Q}PASS

**Heavy Metals:** Q}PASS

**Foreign Material:** Q}PASS

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Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

**Decision Rule:** Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS -Results within limits/specifications, FAIL -Results exceed limits/specifications.

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

  
Approved by: Josh Wurzer  
Job Title: Chief Compliance Officer  
Date: 11/20/2023

Amendment to Certificate of Analysis 2307060022-004



**Pesticide Analysis**

PESTICIDE TEST RESULTS- 11/03/2023 Q) PASS

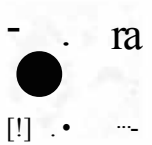
Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

\*GC-MS utilized where indicated.

Method: QSP 1212 -Analysis of Pesticides and Mycotoxins by LC-MS or OSP 1213 -Analysis of Pesticides by GC-MS

COMPOUND	LODILOQ (!'gig)	ACTION LIMIT (!'gig)	MEASUREMENT UNCERTAINTY (!'gig)	RESULT (!'gig)	RESULT
Abamectin	0.03/0.10	0.3	NIA	ND	PASS
Acephate	0.02/0.07	5	NIA	ND	PASS
Acequinocyl	0.02/0.07	4	NIA	ND	PASS
Acetamiprid	0.02/0.05	5	NIA	ND	PASS
Aldicarb	0.03/0.08	;;,LOD	NIA	ND	PASS
Azoxystrobin	0.02/0.07	40	NIA	ND	PASS
Bifenazate	0.0110.04	5	NIA	ND	PASS
Bifenthrin	0.02/0.05	0.5	NIA	ND	PASS
Boscalid	0.03/0.09	10	NIA	ND	PASS
Captan	0.19/0.57	5	NIA	ND	PASS
Carbaryl	0.0210.06	0.5	NIA	ND	PASS
Carbofuran	0.02/0.05	;;,LOD	NIA	ND	PASS
Chlorantraniliprole	0.04/0.12	40	NIA	ND	PASS
Chlordane*	0.03/0.08	;;,LOD	NIA	ND	PASS
Chlorfenapyr*	0.03/0.10	;;,LOD	NIA	ND	PASS
Chlorpyrifos	0.02/0.06	;;,LOD	NIA	ND	PASS
Clofentezine	0.03/0.09	0.5	NIA	ND	PASS
Coumaphos	0.02/0.07	;;,LQD	NIA	ND	PASS
Cyfluthrin	0.12/0.38	1	NIA	ND	PASS
Cypermethrin	0.1110.32	1	NIA	ND	PASS
Daminozide	0.02/0.07	;;,LOD	NIA	ND	PASS
Diazinon	0.02/0.05	0.2	NIA	ND	PASS
Dichlorvos (DDVP)	0.03/0.09	;;,LOD	NIA	ND	PASS
Dimethoate	0.03/0.08	;;,LOD	NIA	ND	PASS
Dimethomorph	0.03/0.09	20	NIA	ND	PASS
Ethoprophos	0.03/0.10	;;,LOD	NIA	ND	PASS
Etofenprox	0.02/0.06	;;,LQD	NIA	ND	PASS
Etoxazole	0.0210.06	15	NIA	ND	PASS
Fenhexamid	0.03/0.09	10	NIA	ND	PASS
Fenoxycarb	0.0310.08	;;,LOD	NIA	ND	PASS
Fenpyroximate	0.02/0.06	2	NIA	ND	PASS
Fipronil	0.03/0.08	;;,LQD	NIA	ND	PASS
Flonicamid	0.03/0.10	2	NIA	ND	PASS
Fludioxonil	0.03/0.10	30	NIA	ND	PASS
Hexythiazox	0.02/0.07	2	NIA	ND	PASS
Imazalil	0.02/0.06	;;,LQD	NIA	ND	PASS
Imidacloprid	0.04/0.11	3	NIA	ND	PASS
Kresoxim-methyl	0.02/0.07	1	NIA	ND	PASS
Malathion	0.03/0.09	5	NIA	ND	PASS
Metalaxyl	0.02/0.07	15	NIA	ND	PASS
Methiocarb	0.02/0.07	;;,LQD	NIA	ND	PASS

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**Pesticide Analysis** *Continued*

PESTICIDE TEST RESULTS- 11/03/2023 *continued Q) PASS*

COMPOUND	LOD/LOQ (119/g)	ACTION LIMIT (119/g)	MEASUREMENT UNCERTAINTY (119/g)	RESULT (119/g)	RESULT
Methomyl	0.03/0.10	01	N/A	ND	PASS
Mevinphos	0.03/0.09	2:LOO	N/A	ND	PASS
Myclobutanil	0.03 / 0.09	9	N/A	ND	PASS
Naled	0.02/0.07	0.5	N/A	ND	PASS
Oxamyl	0.04/ 0.11	0.2	N/A	ND	PASS
Paclobutrazol	0.02/0.05	2:LOO	N/A	ND	PASS
Parathion-methyl	0.03/0.10	2:LOO	N/A	ND	PASS
Pentachloronitrobenzene*	0.03/0.09	0.2	N/A	ND	PASS
Permethrin	0.04/0.12	20	N/A	ND	PASS
Phosmet	0.03/0.10	0.2	N/A	ND	PASS
Piperonyl Butoxide	0.02/0.07	8	N/A	ND	PASS
Prallethrin	0.03/0.08	0.4	N/A	ND	PASS
Propiconazole	0.02/0.07	20	N/A	ND	PASS
Propoxur	0.03/0.09	2:LOO	N/A	ND	PASS
Pyrethrins	0.04/0.12	1	N/A	ND	PASS
Pyridaben	0.02/0.07	3	N/A	ND	PASS
Spinetoram	0.02/0.07	3	N/A	ND	PASS
Spinosad	0.02/0.07	3	N/A	ND	PASS
Spiromesifen	0.02/0.05	12	N/A	ND	PASS
Spirotetramat	0.02/0.06	13	N/A	ND	PASS
Spiroxamine	0.03/0.08	2:LOO	N/A	ND	PASS
Tebuconazole	0.02/0.07	2	N/A	ND	PASS
Thiacloprid	0.03/0.10	2:LOO	N/A	ND	PASS
Thiamethoxam	0.03/0.10	4.5	N/A	ND	PASS
Trifloxystrobin	0.03/0.08	30	N/A	ND	PASS

**Mycotoxin Analysis**

MYCOTOXIN TEST RESULTS-11/03/2023 *Q) PASS*

COMPOUND	LOD/LOQ (119/kg)	ACTION LIMIT (119/kg)	MEASUREMENT UNCERTAINTY (1191kg)	RESULT (119/kg)	RESULT
Aflatoxin B1	2.0/6.0		N/A	ND	
Aflatoxin B2	18 / 5.6		N/A	ND	
Aflatoxin G1	1.0/3.1		N/A	ND	
Aflatoxin G2	1.2/3.5		N/A	ND	
Total Aflatoxin		20		ND	PASS
Ochratoxin A	6.3 / 192	20	N/A	ND	PASS

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

Method: QSP 1212 •Analysis of Pesticides and Mycotoxins by LC-MS



## 1 Residual Solvents Analysis

RESIDUAL SOLVENTS TEST RESULTS - 11/03/2023 Q PASS

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

Method: QSP 1204 - Analysis of Residual Solvents by GC-MS

COMPOUND	LOD/LOQ (119/9)	ACTION LIMIT (119/9)	MEASUREMENT UNCERTAINTY (119/9)	RESULT (119/9)	RESULT
Propane	10/20	5000	N/A	ND	PASS
n-Butane	10/50	5000	N/A	ND	PASS
n-Pentane	20/150	5000	N/A	ND	PASS
n-Hexane	2/5	290	N/A	ND	PASS
n-Heptane	20/60	5000	N/A	ND	PASS
Benzene	0.03/0.09	1	N/A	ND	PASS
Toluene	7121	890	N/A	ND	PASS
Total Xylenes	50/160	2170	N/A	ND	PASS
Methanol	50/200	3000	N/A	ND	PASS
Ethanol	20/50	5000	N/A	ND	PASS
2-Propanol (Isopropyl Alcohol)	10/40	5000	N/A	ND	PASS
Acetone	20/50	5000	N/A	ND	PASS
Ethyl Ether	20/50	5000	N/A	ND	PASS
Ethylene Oxide	0.310.B	1	N/A	ND	PASS
Ethyl Acetate	20/60	5000	N/A	ND	PASS
Chloroform	0.1 /0.2	1	N/A	ND	PASS
Dichloromethane (Methylene Chloride)	0.3/0.9	1	N/A	ND	PASS
Trichloroethylene	0.1 /0.3	1	N/A	ND	PASS
1,2-Dichloroethane	0.05/0.1	1	N/A	ND	PASS
Acetonitrile	2/7	410	N/A	ND	PASS

## § Heavy Metals Analysis

HEAVY METALS TEST RESULTS- 11/02/2023 Q PASS

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: QSP 1160 - Analysis of Heavy Metals by ICP-MS

COMPOUND	LOD/LOQ (119/9)	ACTION LIMIT (119/9)	MEASUREMENT UNCERTAINTY (119/9)	RESULT (119/9)	RESULT
Arsenic	0.02/0.1	1.5	N/A	ND	PASS
Cadmium	0.02/0.05	0.5	N/A	ND	PASS
Lead	0.04/0.1	0.5	N/A	ND	PASS
Mercury	0.002/0.01	3	N/A	ND	PASS

## r { Foreign Material Analysis

FOREIGN MATERIAL TEST RESULTS - 11/02/2023 Q PASS

Visual analysis includes, but is not limited to, sand, soil, cinders, dirt, mold, hair, insect fragments, and mammalian excreta.

Method: QSP 1226 - Analysis of Foreign Material in Cannabis and Cannabis Products

COMPOUND	ACTION LIMIT	RESULT
Total Sample Area Covered by Sand, Soil, Cinders, or Dirt	>25%	PASS
Total Sample Area Covered by Mold	>25%	PASS
Total Sample Area Covered by an Imbedded Foreign Material	>25%	PASS
Insect Fragment Count	> 1 per 3 grams	PASS
Hair Count	> 1 per 3 grams	PASS
Mammalian Excreta Count	> 1 per 3 grams	PASS

### NOTES

Reason for Amendment: Order Detail Information Change

### SAMPLE NAME: 50mg Cherry Limeade

Infused, Solid Edible

### CULTIVATOR/ MANUFACTURER

Business Name:

License Number:

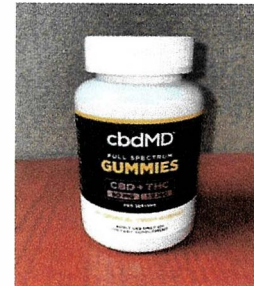
Address:

### DISTRIBUTOR/ TESTED FOR

Business Name: cbdMD

License Number:

Address:



### SAMPLE DETAIL

Batch Number: 91542-C

Sample ID: 231111 L001

Date Collected: 11/11/2023

Date Received: 11/11/2023

Batch Size:

Sample Size: 1.0 units

Unit Mass: 3.2 grams per Unit

Serving Size: 3.2 grams per Serving



Scan QR code to verify authenticity of results.

### CANNABINOID ANALYSIS - SUMMARY

Total THC: 1.846 mg/unit

Total CBD: 57.875 mg/unit

Sum of Cannabinoids: 60.752 mg/unit

Total Cannabinoids: 60.752 mg/unit

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:  
Total THC =  $\Delta^9\text{-THC} + (\text{THCa} \cdot 0.877)$   
Total CBD =  $\text{CBD} + (\text{CBDa} \cdot 0.877)$   
Sum of Cannabinoids =  $\Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^9\text{-THC} + \text{CBL} + \text{CBN}$   
Total Cannabinoids =  $(\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^9\text{-THC} + \text{CBL} + \text{CBN}$

### SAFETY ANALYSIS - SUMMARY

$\Delta^9\text{-THC}$  per Unit: 0PASS

$\Delta^9\text{-THC}$  per Serving: 0PASS

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References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

Amendment to Certificate of Analysis 231111 L001-001

  
Approved by: Josh Wurzer  
Job Title: Chief Compliance Officer  
Date: 11/20/2023



## Cannabinoid Analysis

### CANNABINOID TEST RESULTS - 11/12/2023

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QP 1157 -Analysis of Cannabinoids by HPLC-DAD

#### TOTAL THC: 1.846 mg/unit

Total THC (t,<sup>9</sup>-THC+0.877\*THCa)

#### TOTAL CBD: 57.875 mg/unit

Total CBD (CBD+0.877\*CBDA)

#### TOTAL CANNABINOIDS: 60.752 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + A<sup>8</sup>-THC + CBL + CBN

#### TOTAL CBG: 0.550 mg/unit

Total CBG (CBG+0.877\*CBGa)

#### TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

#### TOTAL CBC: ND

Total CBC (CBC+0.877\*CBCa)

#### TOTAL CBDV: 0.195 mg/unit

Total CBDV (CBDV+0.877\*CBDVa)

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.00410.011	±0.6746	18.086	1.8086
A <sup>9</sup> -THC	0.00210.014	±0.0317	0.577	0.0577
CBG	0.00210.006	±0.0083	0.172	0.0172
CBN	0.00110.007	±0.0026	0.089	0.0089
CBDV	0.00210.012	±0.0025	0.061	0.0061
A <sup>8</sup> -THC	0.0110.02	N/A	ND	ND
THCa	0.00110.005	N/A	ND	ND
THCV	0.00210.012	N/A	ND	ND
THCVa	0.00210.019	N/A	ND	ND
CBDA	0.00110.026	N/A	ND	ND
CBDVa	0.00110.018	N/A	ND	ND
CBGa	0.00210.007	N/A	ND	ND
CBL	0.00310.010	N/A	ND	ND
CBC	0.00310.010	N/A	ND	ND
CBCa	0.00110.015	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>18.985 mg/g</b>	<b>1.8985%</b>

Unit Mass: 3.2 grams per Unit/ Serving Size: 3.2 grams per Serving

A <sup>9</sup> -THC per Unit	110 per-package limit	1.846 mg/unit	PASS
<sup>9</sup> -THC per Serving		1.846 mg/serving	PASS
Total THC per Unit		1.846 mg/unit	
Total THC per Serving		1.846 mg/serving	
CBD per Unit		57.875 mg/unit	
CBD per Serving		57.875 mg/serving	
Total CBD per Unit		57.875 mg/unit	
Total CBD per Serving		57.875 mg/serving	
Sum of Cannabinoids per Unit		60.752 mg/unit	
Sum of Cannabinoids per Serving		60.752 mg/serving	
Total Cannabinoids per Unit		60.752 mg/unit	
Total Cannabinoids per Serving		60.752 mg/serving	

#### NOTES

Reason for Amendment: Order Detail Information Change



**SAMPLE NAME: 50mg Cherry Limeade**

Infused, Solid Edible

**CULTIVATOR/ MANUFACTURER**

**Business Name:**

**License Number:**

**Address:**

**SAMPLE DETAIL**

**Batch Number:** 91542-C

**Sample ID:** 2307060023

**DISTRIBUTOR/ TESTED FOR**

**Business Name:** cbdMD

**License Number:**

**Address:**

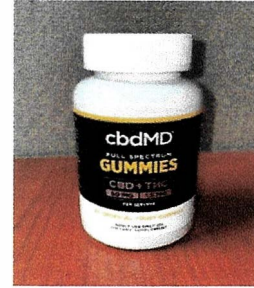
**Date Collected:** 07/06/2023 **Date**

**Received:** 07/06/2023 **Batch Size:**

**Sample Size:** 1.0 units

**Unit Mass:** 3.2 grams per Unit

**Serving Size:** 3.2 grams per Serving



Scan QR code to verify authenticity of results.

**SAFETY ANALYSIS - SUMMARY**

**Pesticides:** 0PASS

**Mycotoxins:** 0PASS

**Residual Solvents:** 0PASS

**Heavy Metals:** 0PASS

**Foreign Material:** 0PASS

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

**Sample Certification:** California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110. Business and Professions Code.

**Decision Rule:** Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications. FAIL - Results exceed limits/specifications.

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

Amendment to Certificate of Analysis 2307060023-004

SC Laboratories California LLC. 1100 Pioneer Street, Suite E, Santa Cruz, CA 95060 | (866) 435-0709 | sclabs.com | C8-000013-LIC | ISO/IES 17025:2017 PJLA Accreditation Number 87168

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Approved by: Josh Wurzer  
Job Title: Chief Compliance Officer  
Date: 11/20/2023



**Pesticide Analysis**

PESTICIDE TEST RESULTS- 11/03/2023 Q) PASS

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

\*GC-MS utilized where indicated.

Method: QSP 1212 –Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 –Analysis of Pesticides by GC-MS

COMPOUND	LOD/LOQ (119/9)	ACTION LIMIT (119/9)	MEASUREMENT UNCERTAINTY (119/9)	RESULT (119/9)	RESULT
Abamectin	0.03/0.10	0.3	N/A	ND	PASS
Acephate	0.02/0.07	5	N/A	ND	PASS
Acequinocyl	0.02/0.07	4	N/A	ND	PASS
Acetamiprid	0.02/0.05	5	N/A	ND	PASS
Aldicarb	0.03/0.08	«LOO	N/A	ND	PASS
Azoxystrobin	0.02/0.07	40	N/A	ND	PASS
Bifenazate	0.0110.04	5	N/A	ND	PASS
Bifenthrin	0.02/0.05	0.5	N/A	ND	PASS
Boscalid	0.03/0.09	10	N/A	ND	PASS
Captan	0.19/0.57	5	N/A	ND	PASS
Carbaryl	0.02/0.06	0.5	N/A	ND	PASS
Carbofuran	0.02/0.05	«LOO	N/A	ND	PASS
Chlorantraniliprole	0.04/0.12	40	N/A	ND	PASS
Chlordane*	0.03/0.08	«LOO	N/A	ND	PASS
Chlorfenapyr*	0.03/0.10	«LOO	N/A	ND	PASS
Chlorpyrifos	0.02/0.06	«LOO	N/A	ND	PASS
Clofentezine	0.03/0.09	0.5	N/A	ND	PASS
Coumaphos	0.02/0.07	«LOO	N/A	ND	PASS
Cyfluthrin	0.1210.38	1	N/A	ND	PASS
Cypermethrin	0.1110.32	1	N/A	ND	PASS
Daminozide	0.0210.07	«LOO	N/A	ND	PASS
Diazinon	0.02/0.05	0.2	N/A	ND	PASS
Dichlorvos (DDVP)	0.0310.09	«LOO	N/A	ND	PASS
Dimethoate	0.03/0.08	«LOO	N/A	ND	PASS
Dimethomorph	0.0310.09	20	N/A	ND	PASS
Ethoprophos	0.03/0.10	«LOO	N/A	ND	PASS
Etofenprox	0.02/0.06	«LOO	N/A	ND	PASS
Etoxazole	0.02/0.06	1.5	N/A	ND	PASS
Fenhexamid	0.0310.09	10	N/A	ND	PASS
Fenoxycarb	0.03/0.08	«LOO	N/A	ND	PASS
Fenpyroximate	0.02/0.06	2	N/A	ND	PASS
Fipronil	0.0310.08	«LOO	N/A	ND	PASS
Fonicamid	0.03/0.10	2	N/A	ND	PASS
Fludioxonil	0.0310.10	30	N/A	ND	PASS
Hexythiazox	0.02/0.07	2	N/A	ND	PASS
Imazalil	0.02/0.06	«LOO	N/A	ND	PASS
Imidacloprid	0.04/0.11	3	N/A	ND	PASS
Kresoxim-methyl	0.02/0.07	1	N/A	ND	PASS
Malathion	0.03/0.09	5	N/A	ND	PASS
Metalaxyl	0.0210.07	15	N/A	ND	PASS
Methiocarb	0.02/0.07	«LOO	N/A	ND	PASS

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### Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 11/03/2023 *continued* (0 PASS)

COMPOUND	LOD/LOQ (119/g)	ACTION LIMIT (119/g)	MEASUREMENT UNCERTAINTY (119/g)	RESULT (119/g)	RESULT
Methomyl	0.03/0.10	01	N/A	ND	PASS
Mevinphos	0.03/0.09	2:LOD	N/A	ND	PASS
Myclobutanil	0.03/0.09	9	N/A	ND	PASS
Naled	0.02/0.07	0.5	N/A	ND	PASS
Oxamyl	0.04/ 0.11	0.2	N/A	ND	PASS
Paclbutrazol	0.02/0.05	2:LOD	N/A	ND	PASS
Parathion-methyl	0.03/0.10	2:LOD	N/A	ND	PASS
Pentachloronitrobenzene*	0.03/0.09	0.2	N/A	ND	PASS
Permethrin	0.04/0.12	20	N/A	ND	PASS
Phosmet	0.03/0.10	0.2	N/A	ND	PASS
Piperonyl Butoxide	0.02/0.07	8	N/A	ND	PASS
Prallethrin	0.03/0.08	0.4	N/A	ND	PASS
Propiconazole	0.02/0.07	20	N/A	ND	PASS
Propoxur	0.03/0.09	2:LOD	N/A	ND	PASS
Pyrethrins	0.04/0.12	1	N/A	ND	PASS
Pyridaben	0.02/0.07	3	N/A	ND	PASS
Spinetoram	0.02/0.07	3	N/A	ND	PASS
Spinosad	0.02/0.07	3	N/A	ND	PASS
Spiromesifen	0.02/0.05	12	N/A	ND	PASS
Spirotetramat	0.02/0.06	13	N/A	ND	PASS
Spiroxamine	0.03/0.08	2:LOD	N/A	ND	PASS
Tebuconazole	0.02/0.07	2	N/A	ND	PASS
Thiacloprid	0.03/0.10	2:LOD	N/A	ND	PASS
Thiamethoxam	0.03/0.10	4.5	N/A	ND	PASS
Trifloxystrobin	0.03/0.08	30	N/A	ND	PASS

### Mycotoxin Analysis

MYCOTOXIN TEST RESULTS - 11/03/2023 (0 PASS)

COMPOUND	LOD/LOQ (119/kg)	ACTION LIMIT (119/kg)	MEASUREMENT UNCERTAINTY (1191kg)	RESULT (1191kg)	RESULT
Aflatoxin B1	2.0/6.0		N/A	ND	
Aflatoxin B2	1.8/5.6		N/A	ND	
Aflatoxin G1	1.0/3.1		N/A	ND	
Aflatoxin G2	1.2/3.5		N/A	ND	
Total Aflatoxin		20		ND	PASS
Ochratoxin A	6.3/19.2	20	N/A	ND	PASS

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

Method: OSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS



## 1 Residual Solvents Analysis

RESIDUAL SOLVENTS TEST RESULTS- 11/03/2023 Q PASS

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

Method: QSP 1204 - Analysis of Residual Solvents by GC-MS

COMPOUND	LOD/LOQ (1-19/9)	ACTION LIMIT (1-19/9)	MEASUREMENT UNCERTAINTY (1-19/9)	RESULT (1-19/9)	RESULT
Propane	10/20	5000	N/A	ND	PASS
n-Butane	10/50	5000	N/A	ND	PASS
n-Pentane	20/50	5000	N/A	ND	PASS
n-Hexane	215	290	N/A	ND	PASS
n-Heptane	20/60	5000	N/A	ND	PASS
Benzene	0.03/0.09	1	N/A	ND	PASS
Toluene	7121	890	N/A	ND	PASS
Total Xylenes	50/160	2170	N/A	ND	PASS
Methanol	50/200	3000	N/A	ND	PASS
Ethanol	20/50	5000	N/A	ND	PASS
2-Propanol (Isopropyl Alcohol)	10/40	5000	N/A	ND	PASS
Acetone	20/50	5000	N/A	ND	PASS
Ethyl Ether	20/50	5000	N/A	ND	PASS
Ethylene Oxide	0.310.8	1	N/A	ND	PASS
Ethyl Acetate	20/60	5000	N/A	ND	PASS
Chloroform	01 /0.2	1	N/A	ND	PASS
Dichloromethane (Methylene Chloride)	0.3/0.9	1	N/A	ND	PASS
Trichloroethylene	01 /0.3	1	N/A	ND	PASS
1,2-Dichloroethane	0.05/0.1	1	N/A	ND	PASS
Acetonitrile	217	410	N/A	ND	PASS

## § Heavy Metals Analysis

HEAVY METALS TEST RESULTS - 11/02/2023 Q PASS

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: QSP 1160 - Analysis of Heavy Metals by ICP-MS

COMPOUND	LOD/LOQ (1-19/9)	ACTION LIMIT (1-19/g)	MEASUREMENT UNCERTAINTY (1-19/g)	RESULT (1-19/g)	RESULT
Arsenic	0.0210.1	15	N/A	ND	PASS
Cadmium	0.02/0.05	0.5	N/A	ND	PASS
Lead	0.04/0.1	0.5	N/A	ND	PASS
Mercury	0.00210.01	3	N/A	ND	PASS

## r( Foreign Material Analysis

FOREIGN MATERIAL TEST RESULTS- 11/02/2023 Q PASS

Visual analysis includes, but is not limited to, sand, soil, cinders, dirt, mold, hair, insect fragments, and mammalian excreta.

Method: QSP 1226 - Analysis of Foreign Material in Cannabis and Cannabis Products

COMPOUND	ACTION LIMIT	RESULT
Total Sample Area Covered by Sand, Soil, Cinders, or Dirt	>25%	PASS
Total Sample Area Covered by Mold	>25%	PASS
Total Sample Area Covered by an Imbedded Foreign Material	>25%	PASS
Insect Fragment Count	> 1 per 3 grams	PASS
Hair Count	> 1 per 3 grams	PASS
Mammalian Excreta Count	> 1 per 3 grams	PASS

### NOTES

Reason for Amendment: Order Detail Information Change

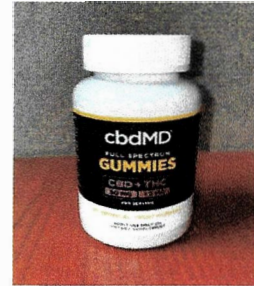
**SAMPLE NAME: 50 mg Lemon**  
Infused, Solid Edible

**CULTIVATOR/ MANUFACTURER**

**Business Name:**  
**License Number:**  
**Address:**

**DISTRIBUTOR/ TESTED FOR**

**Business Name: cbdMD**  
**License Number:**  
**Address:**



**SAMPLE DETAIL**

**Batch Number: 91542-L**  
**Sample ID: 231111 L003**

**Date Collected: 11/11/2023**  
**Date Received: 11/11/2023**  
**Batch Size:**  
**Sample Size: 1.0 units**  
**Unit Mass: 3.2 grams per Unit**  
**Serving Size: 3.2 grams per Serving**



Scan QR code to verify  
authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**

**Total THC: 1.875 mg/unit**

**Total CBD: 55.142 mg/unit**

**Sum of Cannabinoids: 59.222 mg/unit**

**Total Cannabinoids: 59.222 mg/unit**

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:  
Total THC -  $t^9$ -THC + (THCa (0.877))  
Total CBD - CBD + (CBDa (0.877))  
Sum of Cannabinoids -  $t^9$ -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $t^8$ -THC + CBL + CBN  
Total Cannabinoids - ( $t^9$ -THC + 0.877\*THCa) + (CBD + 0.877\*CBDa) + (CBG + 0.877\*CBGa) + (THCV + 0.877\*THCVa) + (CBC + 0.877\*CBCa) + (CBDV + 0.877\*CBDVa) +  $t^8$ -THC + CBL + CBN

**SAFETY ANALYSIS - SUMMARY**

**$^9$ -THC per Unit: (0PASS)**

**$^9$ -THC per Serving: (0PASS)**

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Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

Approved by: Josh Wurzer  
Job Title: Chief Compliance Officer  
Date: 11/20/2023

Amendment to Certificate of Analysis 231111 L003-001



### Cannabinoid Analysis

### CANNABINOID TEST RESULTS - 11/12/2023

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 -Analysis of Cannabinoids by HPLC-DAD

**TOTAL THC: 1.875 mg/unit**

Total THC ( $\Delta^9$ -THC + 0.877\*THCa)

**TOTAL CBD: 55.142 mg/unit**

Total CBD (CBD + 0.877\*CBDA)

**TOTAL CANNABINOIDS: 59.222 mg/unit**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta^8$ -THC + CBL + CBN

**TOTAL CBG: 1.478 mg/unit**

Total CBG (CBG + 0.877\*CBGa)

**TOTAL THCV: ND**

Total THCV (THCV + 0.877\*THCVa)

**TOTAL CBC: ND**

Total CBC (CBC + 0.877\*CBCa)

**TOTAL CBDV: 0.182 mg/unit**

Total CBDV (CBDV + 0.877\*CBDVa)

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004/0.011	±0.6428	17.232	1.7232
$\Delta^9$ -THC	0.002/0.014	±0.0322	0.586	0.0586
CBG	0.002/0.006	±0.0224	0.462	0.0462
CBN	0.001 / 0.007	±0.0049	0.170	0.0170
CBDV	0.002/0.012	±0.0023	0.057	0.0057
$\Delta^8$ -THC	0.01/0.02	N/A	ND	ND
THCa	0.001/0.005	N/A	ND	ND
THCV	0.002/0.012	N/A	ND	ND
THCVa	0.002/0.019	N/A	ND	ND
CBDA	0.001 / 0.026	N/A	ND	ND
CBDVa	0.001 / 0.018	N/A	ND	ND
CBGa	0.002/0.007	N/A	ND	ND
CBL	0.003/0.010	N/A	ND	ND
CBC	0.003/0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>18.507 mg/g</b>	<b>1.8507%</b>

### Unit Mass: 3.2 grams per Unit/ Serving Size: 3.2 grams per Serving

$\Delta^9$ -THC per Unit	110 per-package limit	1.875 mg/unit	<b>PASS</b>
$\Delta^9$ -THC per Serving		1.875 mg/serving	PASS
Total THC per Unit		1.875 mg/unit	
Total THC per Serving		1.875 mg/serving	
CBD per Unit		55.142 mg/unit	
CBD per Serving		55.142 mg/serving	
Total CBD per Unit		55.142 mg/unit	
Total CBD per Serving		55.142 mg/serving	
Sum of Cannabinoids per Unit		<b>59.222 mg/unit</b>	
<b>Sum of Cannabinoids per Serving</b>		<b>59.222 mg/serving</b>	
<b>Total Cannabinoids per Unit</b>		<b>59.222 mg/unit</b>	
<b>Total Cannabinoids per Serving</b>		<b>59.222 mg/serving</b>	

### NOTES

Reason for Amendment: Order Detail Information Change

**SAMPLE NAME: 50 mg Lemon Tropical Twist Gummies**

Infused, Solid Edible

**CULTIVATOR/ MANUFACTURER**

**Business Name:**

**License Number:**

**Address:**

**SAMPLE DETAIL**

**Batch Number:** 91542-L

**Sample ID:** 2307060024

**DISTRIBUTOR/ TESTED FOR**

**Business Name:** cbdMD

**License Number:**

**Address:**

**Date Collected:** 07/06/2023

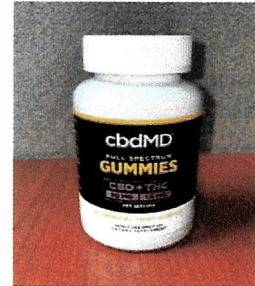
**Date Received:** 07/06/2023

**Batch Size:**

**Sample Size:** 1.0 units

**Unit Mass:** 3.2 grams per Unit

**Serving Size:** 3.2 grams per Serving



Scan QR code to verify  
authenticity of results.

**SAFETY ANALYSIS - SUMMARY**

Pesticides: **Q)PASS**

Heavy Metals: **Q)PASS**

Mycotoxins: **1)PASS**

Foreign Material: **Q)PASS**

Residual Solvents: **Q)PASS**

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

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**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

  
Approved by: Josh Wurzer  
Job Title: Chief Compliance Officer  
Date: 11/20/2023

Amendment to Certificate of Analysis 230706Q024-004



### Pesticide Analysis

PESTICIDE TEST RESULTS - 11/03/2023 Q PASS

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

\*GC-MS utilized where indicated.

Method: QSP 1212 -Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 -Analysis of Pesticides by GC-MS

COMPOUND	LOD/LOQ (119/g)	ACTION LIMIT (119/g)	MEASUREMENT UNCERTAINTY (119/g)	RESULT (119/g)	RESULT
Abamectin	0.03/0.10	0.3	NIA	ND	PASS
Acephate	0.02/0.07	5	NIA	ND	PASS
Acequinocyl	0.02/0.07	4	NIA	ND	PASS
Acetamiprid	0.02/0.05	5	NIA	ND	PASS
Aldicarb	0.03/0.08	;eLOD	NIA	ND	PASS
Azoxystrobin	0.02/0.07	40	NIA	ND	PASS
Bifenazate	0.01/0.04	5	NIA	ND	PASS
Bifenthrin	0.02/0.05	0.5	NIA	ND	PASS
Boscalid	0.03/0.09	10	NIA	ND	PASS
Captan	0.19/0.57	5	NIA	ND	PASS
Carbaryl	0.02/0.06	0.5	NIA	ND	PASS
Carbofuran	0.02/0.05	;eLOD	NIA	ND	PASS
Chlorantraniliprole	0.04/0.12	40	NIA	ND	PASS
Chlordane*	0.03/0.08	;eLOD	NIA	ND	PASS
Chlorfenapyr*	0.03/0.10	;eLOD	NIA	ND	PASS
Chlorpyrifos	0.02/0.06	;eLOD	NIA	ND	PASS
Clofentezine	0.03/0.09	0.5	NIA	ND	PASS
Coumaphos	0.02/0.07	;eLOD	NIA	ND	PASS
Cyfluthrin	0.12/0.38	1	NIA	ND	PASS
Cypermethrin	0.11/0.32	1	NIA	ND	PASS
Daminozide	0.02/0.07	2LOD	NIA	ND	PASS
Diazinon	0.02/0.05	0.2	NIA	ND	PASS
Dichlorvos (DDVP)	0.03/0.09	;eLOD	NIA	ND	PASS
Dimethoate	0.03/0.08	;eLOD	NIA	ND	PASS
Dimethomorph	0.03/0.09	20	NIA	ND	PASS
Ethoprophos	0.03/0.10	;eLOD	NIA	ND	PASS
Etofenprox	0.02/0.06	;eLOD	NIA	ND	PASS
Etoxazole	0.02/0.06	15	NIA	ND	PASS
Fenhexamid	0.03/0.09	10	NIA	ND	PASS
Fenoxycarb	0.03/0.08	;eLOD	NIA	ND	PASS
Fenpyroximate	0.02/0.06	2	NIA	ND	PASS
Fipronil	0.03/0.08	;eLOD	NIA	ND	PASS
Fonicamid	0.03/0.10	2	NIA	ND	PASS
Fludioxonil	0.03/0.10	30	NIA	ND	PASS
Hexythiazox	0.02/0.07	2	NIA	ND	PASS
Imazalil	0.02/0.06	;eLOD	NIA	ND	PASS
Imidacloprid	0.04/0.11	3	NIA	ND	PASS
Kresoxim-methyl	0.02/0.07	1	NIA	ND	PASS
Malathion	0.03/0.09	5	NIA	ND	PASS
Metalaxyl	0.02/0.07	15	NIA	ND	PASS
Methiocarb	0.02/0.07	;eLOD	NIA	ND	PASS

Continued on next page





**Pesticide Analysis** *Continued*

PESTICIDE TEST RESULTS - 11/03/2023 *continued* (0 PASS)

COMPOUND	LOD/LOQ (119/9)	ACTION LIMIT (119/9)	MEASUREMENT UNCERTAINTY (119/9)	RESULT (119/9)	RESULT
Methomyl	0.03   0.10	0.1	N/A	ND	PASS
Mevinphos	0.03   0.09	∞; LOD	N/A	ND	PASS
Myclobutanil	0.03   0.09	9	N/A	ND	PASS
Naled	0.02   0.07	0.5	N/A	ND	PASS
Oxamyl	0.04   0.11	0.2	N/A	ND	PASS
Paclobutrazol	0.02   0.05	∞; LOD	N/A	ND	PASS
Parathion-methyl	0.03   0.10	∞; LOD	N/A	ND	PASS
Pentachloronitrobenzene*	0.03   0.09	0.2	N/A	ND	PASS
Permethrin	0.04   0.12	20	N/A	ND	PASS
Phosmet	0.03   0.10	0.2	N/A	ND	PASS
Piperonyl Butoxide	0.02   0.07	8	N/A	ND	PASS
Prallethrin	0.03   0.08	0.4	N/A	ND	PASS
Propiconazole	0.02   0.07	20	N/A	ND	PASS
Propoxur	0.03   0.09	∞; LOD	N/A	ND	PASS
Pyrethrins	0.04   0.12	1	N/A	ND	PASS
Pyridaben	0.02   0.07	3	N/A	ND	PASS
Spinetoram	0.02   0.07	3	N/A	ND	PASS
Spinosad	0.02   0.07	3	N/A	ND	PASS
Spiromesifen	0.02   0.05	12	N/A	ND	PASS
Spirotetramat	0.02   0.06	13	N/A	ND	PASS
Spiroxamine	0.03   0.08	2; LOD	N/A	ND	PASS
Tebuconazole	0.02   0.07	2	N/A	ND	PASS
Thiacloprid	0.03   0.10	∞; LOD	N/A	ND	PASS
Thiamethoxam	0.03   0.10	4.5	N/A	ND	PASS
Trifloxystrobin	0.03   0.08	30	N/A	ND	PASS

1...  
**Mycotoxin Analysis**

MYCOTOXIN TEST RESULTS- 11/03/2023 (0 PASS)

COMPOUND	LOD/LOQ (119/10)	ACTION LIMIT (119/10)	MEASUREMENT UNCERTAINTY (119/10)	RESULT (119/10)	RESULT
Aflatoxin B1	2.0   6.0		N/A	ND	
Aflatoxin B2	1.8   5.6		N/A	ND	
Aflatoxin G1	1.0   3.1		N/A	ND	
Aflatoxin G2	1.2   3.5		N/A	ND	
Total Aflatoxin		20		ND	PASS
Ochratoxin A	6.3   19.2	20	N/A	ND	PASS

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

Method: QSP 1212. Analysis of Pesticides and Mycotoxins by LC-MS



## 1 Residual Solvents Analysis

RESIDUAL SOLVENTS TEST RESULTS - 11/03/2023 Q) PASS

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

Method: QSP 1204. Analysis of Residual Solvents by GC-MS

COMPOUND	LOD/LOQ (11g/g)	ACTION LIMIT (11g/g)	MEASUREMENT UNCERTAINTY (11g/g)	RESULT (11g/g)	RESULT
Propane	10/20	5000	N/A	ND	PASS
n-Butane	10/50	5000	N/A	ND	PASS
n-Pentane	20/50	5000	N/A	ND	PASS
n-Hexane	2/5	290	N/A	ND	PASS
n-Heptane	20/60	5000	N/A	ND	PASS
Benzene	0.03/0.09	1	N/A	ND	PASS
Toluene	7121	890	N/A	ND	PASS
Total Xylenes	501160	2170	N/A	ND	PASS
Methanol	50/200	3000	N/A	ND	PASS
Ethanol	20/50	5000	N/A	<LOQ	PASS
2-Propanol (Isopropyl Alcohol)	10/40	5000	N/A	ND	PASS
Acetone	20/50	5000	N/A	ND	PASS
Ethyl Ether	20/50	5000	N/A	ND	PASS
Ethylene Oxide	0.3/0.8	1	N/A	ND	PASS
Ethyl Acetate	20/60	5000	N/A	ND	PASS
Chloroform	01 /0.2	1	N/A	ND	PASS
Dichloromethane (Methylene Chloride)	0.3/0.9	1	N/A	ND	PASS
Trichloroethylene	01 /0.3	1	N/A	ND	PASS
1,2-Dichloroethane	0.05/0.1	1	N/A	ND	PASS
Acetonitrile	217	410	N/A	ND	PASS

## § Heavy Metals Analysis

HEAVY METALS TEST RESULTS- 11/02/2023 Q) PASS

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: CSP 1160. Analysis of Heavy Metals by ICP-MS

COMPOUND	LOD/LOQ (11g/g)	ACTION LIMIT (11g/g)	MEASUREMENT UNCERTAINTY (11g/g)	RESULT (11g/g)	RESULT
Arsenic	0.02 /0.1	15	N/A	ND	PASS
Cadmium	0.02/0.05	0.5	N/A	ND	PASS
Lead	0.04/0.1	0.5	N/A	ND	PASS
Mercury	0.00210.01	3	N/A	ND	PASS

## rt Foreign Material Analysis

FOREIGN MATERIAL TEST RESULTS - 11/02/2023 Q) PASS

Visual analysis includes, but is not limited to, sand, soil, cinders, dirt, mold, hair, insect fragments, and mammalian excreta.

Method: QSP 1226 •Analysis of Foreign Material in Cannabis and Cannabis Products

COMPOUND	ACTION LIMIT	RESULT
Total Sample Area Covered by Sand, Soil, Cinders, or Dirt	>25%	PASS
Total Sample Area Covered by Mold	>25%	PASS
Total Sample Area Covered by an Imbedded Foreign Material	>25%	PASS
Insect Fragment Count	> 1 per 3 grams	PASS
Hair Count	> 1 per 3 grams	PASS
Mammalian Excreta Count	> 1 per 3 grams	PASS

### NOTES

Reason for Amendment: Order Detail Information Change

### SAMPLE NAME: 1500mg Tropical Twist 30ct

Infused, Solid Edible

#### CULTIVATOR/ MANUFACTURER

Business Name:

License Number:

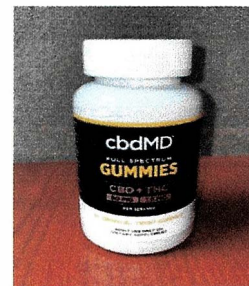
Address:

#### DISTRIBUTOR/ TESTED FOR

Business Name: cbdMD

License Number:

Address:



#### SAMPLE DETAIL

Batch Number: 91542

Sample ID:231102M014

Date Collected: 11/02/2023

Date Received: 11/02/2023

Batch Size:

Sample Size: 1.0 units

Unit Mass:

Serving Size: 3.5 grams per Serving

# BS

Scan QR code to verify  
authenticity of results.

#### SAFETY ANALYSIS - SUMMARY

Microbiology (PCR): **Q)PASS**

Microbiology (Plating): **ND**

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), too numerous to count >250 du/plate (TNTC), colony-forming unit (du)

  
Approved by: Josh Wurzer  
Job Title: Chief Compliance Officer  
Date: 11/20/2023

Amendment to Certificate of Analysis 231102M014-001



**Microbiology Analysis**

PCR AND PLATING

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

Method: OSP 1221 - Analysis of Microbiological Contaminants

MICROBIOLOGY TEST RESULTS (PCR)-11/07/2023 Q) PASS

COMPOUND	ACTION LIMIT	RESULT	RESULT
Shiga toxin-producing <i>Escherichia coli</i>	Not Detected in 1g	ND	PASS
<i>Salmonella</i> spp.	Not Detected in 1g	ND	PASS
<i>Listeria monocytogenes</i>		ND	

Analysis conducted by 3M™ Petrifilm™ and plate counts of microbiological contaminants.

Method: OSP 6794- Plating with 3M™ Petrifilm™

MICROBIOLOGY TEST RESULTS (PLATING)- 11/07/2023 ND

COMPOUND	RESULT (cfu/g)
<b>Total Aerobic Bacteria</b>	ND
<b>Total Yeast and Mold</b>	ND
<b>Coliforms</b>	ND

NOTES

Reason for Amendment: Photo Update